

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/586,809
Source: IFWP
Date Processed by STIC: 8/3/06

ENTERED



IFWP

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/586,809

DATE: 08/03/2006

TIME: 09:48:03

Input Set : F:\TUL6USA.txt
 Output Set: N:\CRF4\08032006\J586809.raw

3 <110> APPLICANT: The Administrators of the Tulane Educational Fund
 4 Xavier University of Louisiana
 5 INSERM - Institut National de la Sante et de la Recherche
 6 Medicale
 7 Klassen, R. Bryan
 8 Verroust, Pierre J.
 9 Allen, Patricia L.
 10 Hammond, Timothy G.
 12 <120> TITLE OF INVENTION: Methods and Compositions for Treating Cancer
 14 <130> FILE REFERENCE: TUL6PCT
 C--> 16 <140> CURRENT APPLICATION NUMBER: US/10/586,809
 C--> 16 <141> CURRENT FILING DATE: 2006-07-21
 16 <150> PRIOR APPLICATION NUMBER: US 60/538,718
 17 <151> PRIOR FILING DATE: 2004-01-23
 19 <160> NUMBER OF SEQ ID NOS: 7
 21 <170> SOFTWARE: PatentIn version 3.3
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 61
 25 <212> TYPE: PRT
 26 <213> ORGANISM: rabbit metallothionein
 28 <400> SEQUENCE: 1
 30 Met Asp Pro Asn Cys Ser Cys Ala Thr Gly Asn Ser Cys Thr Cys Ala
 31 1 5 10 15
 34 Ser Ser Cys Lys Cys Lys Glu Cys Lys Cys Thr Ser Cys Lys Lys Ser
 35 20 25 30
 38 Cys Cys Ser Cys Cys Pro Ala Gly Cys Thr Lys Cys Ala Gln Gly Cys
 39 35 40 45
 42 Ile Cys Lys Gly Ala Ser Asp Lys Cys Ser Cys Cys Ala
 43 50 55 60
 46 <210> SEQ ID NO: 2
 47 <211> LENGTH: 30
 48 <212> TYPE: PRT
 49 <213> ORGANISM: artificial
 51 <220> FEATURE:
 52 <223> OTHER INFORMATION: modified metallothionein
 55 <220> FEATURE:
 56 <221> NAME/KEY: MISC_FEATURE
 57 <222> LOCATION: (30)..(30) /
 58 <223> OTHER INFORMATION: can be any amino acid other than K
 60 <400> SEQUENCE: 2
 62 Met Asp Pro Asn Cys Ser Cys Ala Thr Gly Asn Ser Cys Thr Cys Ala
 63 1 5 10 15
 W--> 66 Ser Ser Cys Lys Cys Lys Glu Cys Lys Cys Thr Ser Cys Xaa

RAW SEQUENCE LISTING DATE: 08/03/2006
PATENT APPLICATION: US/10/586,809 TIME: 09:48:03

Input Set : F:\TUL6USA.txt
Output Set: N:\CRF4\08032006\J586809.raw

67	20	25	30
70 <210> SEQ ID NO: 3			
71 <211> LENGTH: 31			
72 <212> TYPE: PRT			
73 <213> ORGANISM: artificial			
75 <220> FEATURE:			
76 <223> OTHER INFORMATION: modified metallothionein			
79 <220> FEATURE:			
80 <221> NAME/KEY: MISC_FEATURE			
81 <222> LOCATION: (1)..(1)			
82 <223> OTHER INFORMATION: can be any amino acid other than K			
84 <400> SEQUENCE: 3			
W--> 86 Xaa Ser Cys Cys Ser Cys Cys Pro Ala Gly Cys Thr Lys Cys Ala Gln			
87 1	5	10	15
90 Gly Cys Ile Cys Lys Gly Ala Ser Asp Lys Cys Ser Cys Cys Ala			
91 20	25	30	
94 <210> SEQ ID NO: 4			
95 <211> LENGTH: 61			
96 <212> TYPE: PRT			
97 <213> ORGANISM: artificial			
99 <220> FEATURE:			
100 <223> OTHER INFORMATION: modified metallothionein			
103 <220> FEATURE:			
104 <221> NAME/KEY: MISC_FEATURE			
105 <222> LOCATION: (30)..(31)			
106 <223> OTHER INFORMATION: can be any amino acid other than K			
108 <400> SEQUENCE: 4			
110 Met Asp Pro Asn Cys Ser Cys Ala Thr Gly Asn Ser Cys Thr Cys Ala			
111 1	5	10	15
W--> 114 Ser Ser Cys Lys Cys Lys Glu Cys Lys Cys Thr Ser Cys Xaa Xaa Ser			
115 20	25	30	
118 Cys Cys Ser Cys Cys Pro Ala Gly Cys Thr Lys Cys Ala Gln Gly Cys			
119 35	40	45	
122 Ile Cys Lys Gly Ala Ser Asp Lys Cys Ser Cys Cys Ala			
123 50	55	60	
126 <210> SEQ ID NO: 5			
127 <211> LENGTH: 17			
128 <212> TYPE: PRT			
129 <213> ORGANISM: artificial			
131 <220> FEATURE:			
132 <223> OTHER INFORMATION: control peptide			
134 <400> SEQUENCE: 5			
136 Cys Leu Gln Lys Phe Glu Lys Lys Ile Asn Gln Ser Pro Tyr Glu Lys			
137 1	5	10	15
140 Arg			
144 <210> SEQ ID NO: 6			
145 <211> LENGTH: 12			
146 <212> TYPE: PRT			
147 <213> ORGANISM: artificial			

RAW SEQUENCE LISTING DATE: 08/03/2006
PATENT APPLICATION: US/10/586,809 TIME: 09:48:03

Input Set : F:\TUL6USA.txt
Output Set: N:\CRF4\08032006\J586809.raw

149 <220> FEATURE:
150 <223> OTHER INFORMATION: control peptide
152 <400> SEQUENCE: 6
154 Ala Leu Glu Glu Tyr Thr Lys Lys Leu Asn Thr Gln
155 1 5 10
158 <210> SEQ ID NO: 7
159 <211> LENGTH: 17
160 <212> TYPE: PRT
161 <213> ORGANISM: artificial
163 <220> FEATURE:
164 <223> OTHER INFORMATION: modified metallothionein
166 <400> SEQUENCE: 7
168 Lys Met Asp Pro Asn Cys Ser Cys Ala Thr Gly Asn Ser Cys Thr Cys
169 1 5 10 15
172 Ala

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/586,809

DATE: 08/03/2006
TIME: 09:48:04

Input Set : F:\TUL6USA.txt
Output Set: N:\CRF4\08032006\J586809.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. 30
Seq#:3; Xaa Pos. 31
Seq#:4; Xaa Pos. 30,31

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:2,3,4,5,6,7

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/586,809

DATE: 08/03/2006

TIME: 09:48:04

Input Set : F:\TUL6USA.txt

Output Set: N:\CRF4\08032006\J586809.raw

L:16 M:270 C: Current Application Number differs, Replaced Current Application No
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:66 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:16
L:86 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:16